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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/737,199	12/16/2003	William G. Thorburn	MICRE-013XX

CONFIRMATION NO. 8790

207  
 WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP  
 TEN POST OFFICE SQUARE  
 BOSTON, MA 02109

## FORMALITIES LETTER



\*OC000000012876109\*

Date Mailed: 06/07/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/23/2004 MMEKONEN 00000021 10737199

01 FC:1001	770.00 OP
02 FC:1202	54.00 OP
03 FC:1051	130.00 OP

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$27 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$477 for a Small Entity

- \$385 Statutory basic filing fee.
- \$65 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$27

- \$27 for 3 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

RABANDS

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Attorney Docket No.: MCE04-18

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: William G. Thorburn  
Application No.: 10/737,199  
Filed: December 16, 2003  
Title: Rotary Position Sensor with Offset Beam Generating Element and Elliptical  
Detector Array  
Examiner: Unassigned  
Group Art Unit: Unassigned

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**Certificate of Mailing Under 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: MAIL STOP MISSING PARTS, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on:

Date: July 20, 2004

By: Gail L. Hardy  
(Typed or printed name of person mailing  
Document, whose signature appears below)

Signature: 

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**MAIL STOP MISSING PARTS**  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS TRANSMITTAL LETTER**

Sir:

Enclosed herewith are the following:

- 2 -

- [x] Transmittal Letter (this form, 3 Pages, in duplicate), Total Pages: 6;  
[x] Copy of Notice to File Missing Parts of Application; Total Pages: 2;  
[x] Response to Notice to File Missing Parts of Application; Total Pages: 2;  
[x] Executed Declaration and Power of Attorney, Total Pages: 2;  
[x] Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;  
[x] Authorization to charge Deposit Account No. 50-0901, if required;  
[x] Check in the amount of \$954.00, in payment of the following fees:

	Claims	Highest No. Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	23	0 - 20	= 3	X \$18.00	= \$54.00
Independent Claims	1	0 - 3	= 0	X \$86.00	= \$0.00
Basic Filing Fee					= \$770.00
Late Oath or Declaration Surcharge					= \$130.00
TOTAL FEES DUE AT THIS TIME					= \$954.00

If the enclosed fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 50-0901.

In addition, please note that the Correspondence Address for the present attorney of record is as follows:

James F. Thompson  
Chapin & Huang, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, MA 01581  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805  
Email: [james.thompson@techpat.com](mailto:james.thompson@techpat.com)

U.S. Application No.: 10/737,199

Attorney Docket No.: MCE04-18

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If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,

CHAPIN & HUANG, L.L.C.,



James F. Thompson, Esq.  
Attorney for Applicants  
U.S.P.T.O. Registration No. 36,699  
Chapin & Huang, LLC  
1700 West Park Drive  
Westborough, Massachusetts 01581  
Telephone: 508-366-9600  
Facsimile: 508-616-9805

Attorney Docket No.: MCE04-18

Dated: July 20, 2004



Attorney Docket No.: MCE04-18

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: William G. Thorburn  
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Signature: 

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**MAIL STOP MISSING PARTS**  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Sir:

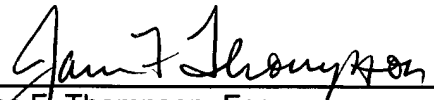
In response to the Notice to File Missing Parts dated June 7, 2004 in connection with the above-identified Application, Applicants enclose an executed Declaration and a surcharge under 37 C.F.R. 1.136(a).

- 2 -

A general authorization is hereby granted to charge deposit account number 50-0901 for any fees required under 37 C.F.R. 1.16 and 1.17 in order to maintain pendency of this patent application or for any additional fees that may be due in this matter at this time.

Respectfully submitted,

CHAPIN & HUANG, L.L.C.,



James F. Thompson, Esq.  
Attorney for Applicants  
U.S.P.T.O. Registration No. 36,699  
Chapin & Huang, LLC  
1700 West Park Drive  
Westborough, Massachusetts 01581  
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Attorney Docket No.: MCE04-18

Dated: July 20, 2004